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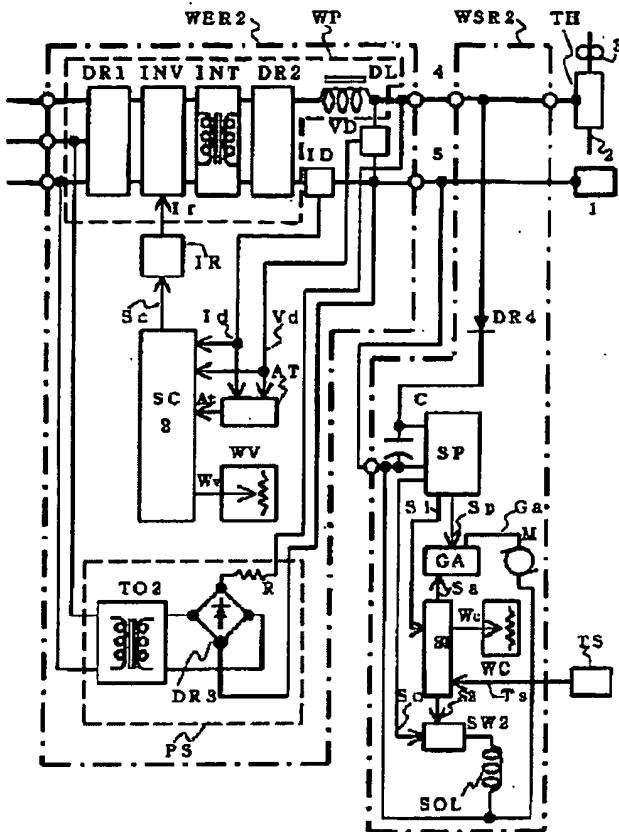
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TITLE : CONSUMABLE ELECTRODE ARC WELDING EQUIPMENT



ABSTRACT : PROBLEM TO BE SOLVED: To solve a conventional problem of highly inferior workability and frequent disconnection of a control cable because of the need of moving altogether bundled integrated control lines or a control cable 10 comprising a plurality of optical fibers when a welding operator carries a wire feeding device, which is separated from a welding power source, according as a welding position moves.

SOLUTION: In the consumable electrode arc welding equipment, the welding power source WER2 is equipped with a power source PS for controlling welding stand-by output, while the wire feeding device WSR2 having a built-in motor control circuit is equipped with a power source SP for controlling the built-in feeding device which is a power source inputting a control voltage from a first and second power cables 4 and 5. The control voltage to be inputted by the power source SP is supplied from the power source PS during the welding stand-by period T6, from an arc voltage during the welding period T3, and from the no-load voltage of the welding power source WER2 during the no-load voltage outputting period T7.

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